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Docket No: **K0181.70018US00**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Mark GREEN et al.
Int'l Appl. No.:	PCT/GB03/03649
Int'l. Filing Date:	20 August 2003 (20.08.2003)
Priority Date:	20 August 2002 (20.08.2002)
Title:	LUMINESCENT COMPOUNDS

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT FILED PURSUANT TO THE DUTY OF DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed within three months of the filing date of the entry of the National Stage, as set forth in 37 C.F.R. §1.491, in an International application.

No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

International Search Report for Application No. PCT/GB03/03649, filed August 20, 2003 (copy enclosed).

PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

The following is a concise explanation of the relevance of each non-English language reference listed on the attached form PTO-1449 (modified):

The following are remarks concerning the other information cited:

PART IV: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;

2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;

3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,
Mark GREEN et al., Applicant

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Dated: February 18, 2005
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FORM PTO-1449/A and B (Modified)	APPLICATION NO.: Not yet assigned	DOCKET NO.: K0181.70018US00
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	INT'L. FILING DATE: 08/20/03	Confirmation No.: ---
	APPLICANT: GREEN, et al.	
Sheet 1 of 2	GROUP ART UNIT: Unknown	EXAMINER: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
	A1	3,881,941	B1	Kernohan, John A.	05-06-1975

FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
	B1	EP	0 363 977	A	EASTMAN KODAK CO.	04-18-1990	
	B2	SU	1 506 819	A	USSR URALS CHEM INST	04-20-1997	Y (abstract)

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
	C1	WANG, J., et al. "Luminescence properties of LB films based on heteropolytungstate of rare earth," Materials Science & Engineering B., Vol. 97, No. 1, pgs. 83-86 (2003)		
	C2	WANG, J., et al., "Langmuir-Blodgett films based on europium-substituted heteropolytungstate and their luminescence properties," Journal of Luminescence, Vol. 101, No. 1-2, pgs. 63-70 (2003)		
	C3	WANG, J., et al., "Luminescent self-assembled thin films based on rare earth-heteropolytungstate," Materials Letters, Vol. 57, No. 5-6, pgs. 1210-1214 (2003)		
	C4	WANG, J., et al., "Study on highly ordered luminescent Langmuir-Blodgett films of heteropolytungstate complexes containing lanthanide," Thin Solid Films, Vol. 415, No. 1-2, pgs. 242-247 (2002)		
	C5	WANG, J., et al., "Effective energy transfer and luminescence of LB films based on europium-substituted heteropolytungstate," Thin Solid Films, Vol. 414, No. 2, pgs. 256-261 (2002)		
	C6	KUBOTA S., et al., "Luminescence properties of $Gd_{1-x}Bi_xTa_7O_{19}$ ($0<x\geq1$)," Journal of Alloys and Compounds, Vol. 281, No. 2, pgs. 181-185 (1998)		
	C7	KUBOTA S., et al., "Luminescence properties of rare earth ions in polytantalate," Journal of Alloys and Compounds, Vol. 275-277, pgs. 746-749 (1998)		
	C8	FORMAN R A, et al, "Optical spectroscopy of some chromium heteropolymolybdate salts," Database accession no. 570294 ABSTRACT; 11th European Congress on Molecular Spectroscopy (ABSTRACT ONLY RECEIVED), TALLINN, USSR, 1972	Y (abstract)	
	C9	WANG J., et al., "Luminescence properties of rare earth-polyoxometalate thin film deposited by sol-gel process," Materials Letters, Vol. 56, No. 3, pgs. 300-304 (2002)		

FORM PTO-1449/A and B (Modified)	APPLICATION NO.: Not yet assigned	DOCKET NO.: K0181.70018US00
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: Herewith (02/18/2005)	Confirmation No.: ---
	APPLICANT: GREEN et al.	
Sheet 2 of 2	GROUP ART UNIT: Unknown	EXAMINER: Unknown

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
	C10	XU L., et al., "Preparation, characterization and luminescence properties of ultrathin films containing polyoxometalates," Materials Letters, Vol. 54, No. 5-6, pgs. 452-457 (2002)		
	C11	LIS S., et al. "Spectroscopic studies of Eu(III) and Nd(III) complexes with several polyoxmetalates," Journal of Alloys and Compounds, Vol. 300-301, pgs. 370-376 (2000)		
	C12	LIS S, "Applications of spectroscopic methods in studies of polyoxometalates and their complexes with lanthanide (III) ions," Journal of Alloys and Compounds, Vol. 300-301, pgs. 88-94 (2000)		
	C13	ANTONIO M R, et al., "Coordination and valence of europium in $[Eu(alpha\text{-}2\text{-}As_2W_{17}O_{61})_2]^{17-}$ and $[Eu(W_5O_{18})_2]^{9-}$," Journal of Alloys and Compounds, Vol. 275-277, pgs. 827-830 (1998)		
	C14	YAMASE T., et al., "Electroluminescence cell based on polyoxometalates: Pulsed electric field-induced luminescence of decatungstoeuropate dispersion layers," Journal of the Electrochemical Society, Vol. 140, No. 8, pgs. 2378-2384 (1993)		
	C15	LIS S., et al., "Spectroscopic characterisation of luminescent Eu(III)/polyoxometalate sandwiched and encrypted complexes," Database accession no. 6435118 (ABSTRACT ONLY RECEIVED); RARE EARTH'98, INTERNATIONAL CONFERENCE, Fremantle, WA, (10/25-30/98); Mater. Sci. Forum, Vol. 315-317, pgs. 431-438 (1999)		
	C16	LIN, Xu, et al., "Preparation and characterization of photoluminescent ultrathin films based on polyoxometalates," Database accession no. 7485574 (ABSTRACT ONLY RECEIVED); Mater. Chem. Phys Vol. 77, pgs. 484-488, (2003)		

EXAMINER	DATE CONSIDERED

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No., filed , and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - The Office has waived the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications.]